

UNSHIELDED SMD POWER INDUCTORS / SDR TYPE

FEATURES

- ◆ Low DC resistance and for large currents & low profile.

APPLICATIONS

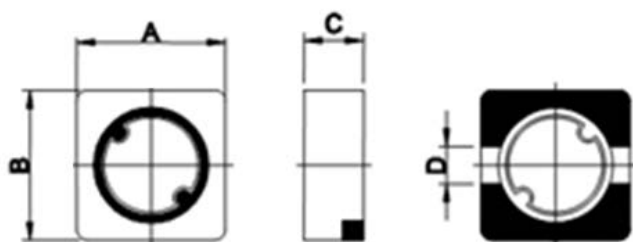
- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ Notebook PCs.
- ◆ LCD televisions.
- ◆ DC/DC converters, etc.



ORDERING CODE

SDR	5020 - 2R2	M	
			Tolerance (M:±20%)
			Inductance
			Dimension
			Product Symbol

DIMENSIONS (UNIT: mm)



A	5.30 (MAX)	m/m
B	5.30 (MAX)	m/m
C	2.00 (MAX)	m/m
D	2.00 (MAX)	m/m

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ELECTRICAL CHARACTERISTICS FOR SDR5020

Part No.	Inductance (μ H)	Test Frequency	DC Resistance (Ω) Max	IDC (A) Max
SDR5020-1R0	1.0	100KHz / 0.25V	0.030	2.700
SDR5020-1R2	1.2	100KHz / 0.25V	0.044	2.150
SDR5020-2R0	2.0	100KHz / 0.25V	0.046	1.900
SDR5020-2R2	2.2	100KHz / 0.25V	0.059	1.630
SDR5020-2R7	2.7	100KHz / 0.25V	0.060	1.550
SDR5020-3R3	3.3	100KHz / 0.25V	0.062	1.500
SDR5020-3R5	3.5	100KHz / 0.25V	0.073	1.340
SDR5020-4R1	4.1	100KHz / 0.25V	0.081	1.200
SDR5020-4R7	4.7	100KHz / 0.25V	0.087	1.140
SDR5020-5R6	5.6	100KHz / 0.25V	0.093	1.000
SDR5020-6R8	6.8	100KHz / 0.25V	0.105	0.950
SDR5020-8R2	8.2	100KHz / 0.25V	0.139	0.900
SDR5020-100	10	1KHz / 0.25V	0.150	0.760
SDR5020-120	12	1KHz / 0.25V	0.170	0.660
SDR5020-150	15	1KHz / 0.25V	0.210	0.630
SDR5020-220	22	1KHz / 0.25V	0.275	0.560
SDR5020-330	33	1KHz / 0.25V	0.455	0.440
SDR5020-390	39	1KHz / 0.25V	0.540	0.380
SDR5020-470	47	1KHz / 0.25V	0.730	0.350
SDR5020-560	56	1KHz / 0.25V	0.800	0.320
SDR5020-680	68	1KHz / 0.25V	0.935	0.300
SDR5020-101	100	1KHz / 0.25V	1.500	0.230
SDR5020-121	120	1KHz / 0.25V	1.910	0.220
SDR5020-151	150	1KHz / 0.25V	2.680	0.210
SDR5020-181	180	1KHz / 0.25V	3.045	0.200
SDR5020-221	220	1KHz / 0.25V	3.520	0.195
SDR5020-271	270	1KHz / 0.25V	4.380	0.193
SDR5020-331	330	1KHz / 0.25V	5.560	0.190
SDR5020-471	470	1KHz / 0.25V	7.820	0.180
SDR5020-561	560	1KHz / 0.25V	9.790	0.170
SDR5020-821	820	1KHz / 0.25V	15.000	0.120

CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>

